

ROCKINGHAM COUNTY—Continued

362323079421202. County number, RK-236; DENR Upper Piedmont Research Station MW-N4D (Bedrock well).

LOCATION.--Lat 36°23'23.1", long 79°42'12.8", Hydrologic Unit 03010103, .6 mi north of Wentworth Street, .6 mi west of Secondary Road 1993 on North Carolina State University Research Farm. Owner: DENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

AQUIFER.--Biotite Gneiss.

WELL CHARACTERISTICS.--Drilled observation well, depth 300 ft, diameter 6 in., cased to 80 ft, open hole from 80 ft to 300 ft.

INSTRUMENTATION.--Measured periodically with electric tape (by both DENR and USGS).

DATUM.--Land-surface datum is 860 ft above NGVD of 1929. Measuring point: Top of protective steel casing, 2.58 ft above land-surface datum.

REMARKS.--Well is part of Piedmont/Mountains groundwater project.

PERIOD OF RECORD.--June 2002 to September 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.56 ft below land-surface datum, Sept. 17, 2003; lowest water level measured 43.96 ft below land-surface datum, Sept. 5, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, FOR PERIOD JUNE TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 05	43.02*	AUG 07	43.65*	SEP 05	43.96*

\*DENR measurements.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL										
OCT 23	43.86*	DEC 09	43.33*	MAR 10	39.07*	APR 29	34.84*	JUL 07	32.65*	SEP 10	32.57*
NOV 20	43.60*	FEB 03	40.97*	APR 02	36.92*	JUN 02	34.21*	AUG 12	32.64*	SEP 17	32.56*

\*DENR measurements.

